

No. 24 August 1989 Oppenheimer Software
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NEED ANOTHER MAILBOX?	3
HEY-WHERE IS THE REST OF THE PEN?	4
MCI MAIL - EDITORS CHOICE	5
MICROSOFT MAIL REACHES MCI MAIL	6
MCI MAIL ENHANCEMENTS	7
ALL IN THE FAMILY	10
ALL IN THE FAMILY - TELEMAL	11
X.400 OVERVIEW	12
SENDING MAIL TO TELEMAL	13
RECEIVING MAIL FROM TELEMAL	15
ALL IN THE FAMILY - PT POSTEL	16
ALL IN THE FAMILY - DIALCOM	16
BUSINESS WIRE VIA DOW JONES	17
DOW JONES USER'S GUIDE	17
LAPTOP '89	18
CELLULAR ACCESS TO MCI MAIL	19
BACKUP A LOTUS EXPRESS FOLDER	21
POWER USER	22
TILL NEXT TIME	23

The NEWUSER script has been in use for over two years. Hundreds of new

accounts, set up with the SCRIPT, have been "up and running", usually within 24 to 36 hours.

Note...

If you access MCI Mail via Lotus Express, Desktop Express or any of MCI Mail's LINK products, you will need to access MCI Mail via the interactive "terminal" mode.

[illegible]

If you use Lotus Express to access MCI Mail, you may find that long documents (such as some of the PEN Newsletters) may seem to be missing their latter half. Fear not - MCI Mail has transmitted, and Lotus Express has stored the entire document.

The usual cause of this problem is that insufficient memory (RAM) has been allocated to Lotus Express. There are three ways to solve this problem:

1. Press {ALT}{SHIFT}? followed by {F10}CONFIGURE and change the memory size to a higher figure - usually 4 or 5 K more will do the trick. Then press {F10}Q followed by {ESC}. Unload Lotus Express by typing {ALT}{SHIFT}{END}, and then restart Express by typing EXPRESS at the C:\ prompt. This time you should be able to read the entire message. If more is still missing, repeat the procedure, using a higher value. One word of warning - increasing memory size for Lotus Express may prevent other programs from running.

2. You can print out the entire document without changing the RAM allocation by moving the cursor to the document summary on the summary screen, and pressing {F10} followed by PRINT.

3. You may save the document on the disk as an ASCII file by moving the cursor to the document summary on the summary screen, and pressing {F10} File Save Message and a filename of your choice. Then exit Lotus Express and use your favorite editor or word processor to read the file.

[illegible]

PC Magazine has awarded MCI Mail the "Editor's Choice" award.

Thank you.

[illegible]

On August 9, Microsoft announced a messaging gateway to MCI Mail for the Macintosh. It is scheduled for release in October.

MCI Gateway for Microsoft Mail enables users of Microsoft Mail to add the delivery and handling options of MCI Mail to their AppleTalk LAN system. Microsoft Mail users can then send messages for worldwide postal and courier, fax and telex delivery, as well as for electronic delivery to any MCI Mail subscriber or user of other electronic messaging systems registered with MCI Mail, such as Compuserve, Telemail, and Dialcom (soon!).

In addition to supporting all MCI Mail delivery modes, MCI Gateway for Microsoft Mail supports standard Microsoft Mail and MCI Mail addressing within the same message -- allowing both internal and external addresses to be entered as recipients on the same message.

The software features error-checking and on-line help. The MCI Gateway for Microsoft Mail will be available from Microsoft Corporation for a suggested retail price of \$595. For more information, call 1-800-426-9400.

>>>>>>>>>>>>>>>>>>>
MCI MAIL ENHANCEMENTS
>>>>>>>>>>>>>>>>>>>

On June 29, MCI Mail version 89.1 became available nationwide. This version contains some minor, but effective enhancements. These enhancements are outlined below.

*****TELEX ADDRESSING PROMPTS*****

ENHANCEMENT: Telex Dispatch addressing prompts have changed.
 OLD: Telex No NEW: Recipient Telex No
 OLD: Answerback NEW: Recipient Answerback
 WHAT DOES THIS MEAN:
 Less confusion for those who are creating telex messages when
 prompted for the Telex number.
 WHO IS AFFECTED?
 INTERACTIVE USERS (not Lotus/Desktop Express, nor ONRs)

*****DEFAULT TO "DOC"*****

ENHANCEMENT: Envelopes that contain more than 19 addresses and are received interactively, will automatically have the "DOCUMENT" feature (suppressing the addresses) initiated.

Any combination of addresses will activate this feature. For example, 16 TO: addresses and 4 CC: addresses in the envelope.

WHAT DOES THIS MEAN?

An individual receiving a message that is being broadcast to more than 19 addresses will not have the listing of recipients printed on the message. If a recipient wants to see the entire contents of the ENVELOPE they can by typing READ ENVELOPE.

WHO IS AFFECTED?

INTERACTIVE USERS

*****EDIT LIST MODIFICATION*****

ENHANCEMENT: When editing a list, "Press return to retain current list name" is now an identified option.

WHAT DOES THIS MEAN?

When modifying a list, you do not have to retype the original name of the list and is prompted for this option.
WHO IS AFFECTED?
INTERACTIVE USERS

*****DIRECTORY STRING MODIFICATION*****

ENHANCEMENT: In the directory, an UNLISTED user match will read "User has unlisted name on MCI Mail directory".
WHAT DOES THIS MEAN?
A clearer description of the entry.
WHO IS AFFECTED?
INTERACTIVE AND BATCH USERS

*****SYSTEM MESSAGE STRING MODIFICATION*****

ENHANCEMENT: "Account Maintenance being performed" statement added.
WHAT DOES THIS MEAN?
Previously, a single message, "account in use " was displayed upon login whenever there was any kind of account conflict or lock on the account. Now you can distinguish between the account being in use and actual account maintenance.
WHO IS AFFECTED?
INTERACTIVE AND BATCH (Lotus/Desktop Express and REMs) USERS

*****DIRECTORY SEARCH FOR NAMES WITH AN APOSTROPHE OR HYPHEN*****

ENHANCEMENT: A name with an apostrophe or a hyphen can be searched if the name is placed in "quotes".
WHAT DOES THIS MEAN?
You can now search for names that have either have an apostrophe (O'Rielly) or a hyphen (Van-Slyke).
WHO IS AFFECTED?
INTERACTIVE USERS

*****ALL PRIVATE LIST ERRORS REPORTED*****

ENHANCEMENT: All LIST ERRORS will be reported back to you. Previously only the first error detected was reported.
WHAT DOES THIS MEAN?
The user of a Private List will be notified of all invalid and inactive users.
WHO IS AFFECTED?
INTERACTIVE AND BATCH USERS

*****ONR DISPLAY MODIFIED*****

ENHANCEMENT: The envelope for an Off Net Registrant (ONR) will NO LONGER contain the EMS and MBX information.
WHAT DOES THIS MEAN?
You will no longer see the EMS and MBX information after they input the name at the TO: prompt. You don't need it as MCI Mail stores this information and uses it automatically when you send messages to a ONR mailbox.

Now, you can exchange electronic mail with Telemail subscribers! It is (almost) as easy as sending an MCI Mail message to another MCI Mailbox.

Last year, MCI Mail and Compuserve introduced the first interconnection between major electronic mail companies. As there was no "standard" for such interconnections at that time, Compuserve and MCI Mail used MCI Mails propriety LINK. As such, messaging between the two systems is as simple as (from MCI Mail, for example), stating the destination service (Compuserve), and the destination mailbox.

Unlike the interconnection between Compuserve and MCI Mail, the MCI Mail-Telemail (as well as all future interconnections) link uses the X.400 message handling standard.

```
>>>>>>>>>>>
X.400 OVERVIEW
>>>>>>>>>>>
```

Generally, an X.400 E-mail address consists of a mail system name (Telemail), the country in which the mail system operates (US), and a personal name (broken into Surname and Given name). However, MCI Mail does not require you to supply the Country.

In order to properly exchange messages with X.400 mail services, it is important to understand a little X.400 addressing terminology.

O/R Name is a common term. It means originator/recipient name. It is made up of several components. They are:

ADMD - or Administrative Management Domain. This is a public E-mail service. MCI is an ADMD. Telemail and Dialcom are also ADMDs.

PRMD or Private Management Domain. This is a private -- usually a corporate -- electronic mail system that is connected via X.400 to an ADMD.

Country - the country in which the domain (PRMD or ADMD) resides.

Personal name is made up of the following 4 components:

- Surname - a person's last name.
- Given name - a person's first name.
- Initials - a person's initial(s).
- Generation Qualifier - Jr., Sr. for example.

Organization - the name of the organization to which a person belongs.

Organizational Unit - the department or division of an organization.

Domain-defined attribute (DDA) - a special field that helps the receiving system know how to deliver a message to the recipient.

MCI has designed brief labels for each O/R name component. Use these labels when addressing an X.400 recipient:

Note there is no label for ADMD. MCI Mail subscribers place that value in the EMS field.

To send a message to a Telemail subscriber, you need to know your recipient's Telemail E-mail address (also known as their O/R name). The best way to guarantee you have the correct information is to check with your correspondent.

See Note 1 for special instructions when including the Telemail Username.

You must label the information you enter. Place an equal sign between the label and the information. Note, there CANNOT be any spaces before or after the equal sign.

For example:

TO: Recipient's Last name (EMS)
EMS: Telemail
MBX: GI=Recipient's First name
MBX: OR=Recipient's Organization {Optional}

```
MBX:   DDA=UN=Recipient's Telemail Username      {Optional}
MBX:   {RETURN}
```

Note 1. When a Telemail subscriber's name and organization are not unique, it is necessary to supply his/her Username in the address. This done by providing a Domain Defined Attribute (DDA). However, Telemail will not deliver a message when it contains both a surname and the subscriber's Username. Because MCI Mail requires that the recipient's surname be supplied in the "To:" (or "Cc:") line, a blank surname must be entered in an MBX line. This cancels what has been entered in the "To:" line. Below is an example of addressing a message to a Telemail subscriber using his/her Username:

CREATE

```
TO:     Recipient's Last name      (EMS)
EMS:    Telemail
MBX:    SU=                        {leave this blank}
MBX:    DDA=UN=Recipient's Telemail Username
MBX:    OR=Recipient's Organization      {Optional}
MBX:    {RETURN}
```

You can also send messages to address a message to someone on a private E-mail system (PRMD) connected to Telemail. You need to enter the X.400 address information that the private system needs to deliver the message to your correspondent. Check with your correspondent to determine exactly what components of the X.400 address are required for sending him or her messages.

A message to an electronic mail system (PRMD) connected to Telemail is created in much the same way a message to a Telemail subscriber is created. Note that an additional X.400 component, the PRMD, is now required and is placed in an MBX line.

CREATE

```
TO:     Recipient's Surname      (EMS)
EMS:    Telemail
MBX:    PR=Recipient's mail system name
MBX:    GI=Recipient's First name
MBX:    OR=Recipient's Organization      {Optional}
MBX:    {RETURN}
```

An example is:

```
=====
TO:    Drake (EMS)
```

Enter name of mail system

```
EMS:    Telemail
MBX:    PR=OTHERMAIL
MBX:    GI=John
MBX:    OR=ABC Company
MBX:    UN=Marketing
|=====
```

If additional information is required to ensure delivery, be sure to enter it,

EMS: PTPostel / MCI ID: 361-3874
MBX: DDA=id=0001080005
TO: Giacchero
EMS: PTPostel / MCI ID: 361-3874
MBX: GI=Arturo

Please see the Telemail information for a detailed explanation of the X.400 addressing.

[illegible]

Soon.

[illegible]

Dow Jones News/Retrieval now offers Business Wire, which specializes in distributing news releases from high-tech, West Coast and Fortune 1000 companies. News/Retrieval subscribers have access to this information online within 15 minutes after it is supplied to the media.

With the addition of Business Wire, News/Retrieval now distributes the two leading press services (PR Newswire was added in April). The two make up Dow Jones News/Retrieval's Press Release Wires Service (found in //RELEASE).

The full text of releases issued by some 25,000 newsmakers are now available to News/Retrieval subscribers. Press Release Wires provides subscribers access to what companies are saying about themselves and complements the extensive business news services that long have been available on News/Retrieval.

More than 500 new releases are added to Press Release Wires daily. These releases come from: companies, industry groups, government agencies, labor organizations and stock exchanges.

To access the releases, enter DOW at the Command: prompt, followed by //RELEASE. To return to MCI Mail, type DISC. Remember - time charges do apply when you use Dow Jones.

[illegible]

Interested in finding information you didn't know you missed? Send us your name and postal address and we'll forward the new DJNRS Users Guide, as well as the Test-Search Services Users Guide.

```
>>>>>>>>>>
LAPTOP '89
>>>>>>>>>>
```

To those of you who stopped by the MCI Mail booth at the PC Expo, it was nice putting a face to a name. If you were not able to come by, please visit the MCI Mail booth at Laptop '89 on Sept. 18 - 19 at the New York Penta Hotel.

We'll be happy to demonstrate MCI Mail, answer any questions you may have, or just chat about your needs, present and future. If you have a friend or associate who has been curious about electronic mail, bring them along, and we'll see if MCI Mail fits their needs.

We're looking forward to seeing you.

[illegible]

To more and more people, MCI Mail is a daily part of their business (and some times, personal) life. For most of these people, going to work means traveling to an office. To some, it means going to the computer in the den. However, it can now mean going to the laptop at the golf course club house or beach or track or yacht - wherever there is cellular phone coverage.

Cellular phones provide the capacity to make and receive ordinary telephone calls by "radio" rather than by wire. These phones generally come in three sizes:

1. Installed in your car/boat
2. Transportable - about the size of a large lunch box
3. Portable - often small enough to fit in your pocket.

Cellular phones communicate with the phone system via a series of adjacent transmitters/receivers (cells) working in tandem to provide coverage over a broad geographic area. The systems automatically pass a call from one cell to another as you travel along your route, usually without your knowledge. Indeed, many of the cellular companies have joined together to allow the subscriber of one service to make calls in another companies area - a technique called roaming.

Until now, this has worked well for voice access only. However, the growing popularity of electronic mail has encouraged a number of companies to offer interfaces (usually RJ11C - the same interface that connects your telephone to the wall plug) that can be used by modems.

This can be done three ways. One is to directly put the RJ11C into the phone. NYNEX, General Electric and Radio Shack units off this option. The one restriction is that you must first dial the MCI Mail number on the phone, and only then can the modem start communicating with MCI Mail. This technique works with most general purpose communications programs. However, it will not work with Lotus or Desktop Express. These programs expect to dial out directly themselves.

Tellular Inc. (312-256-8000) offers an another answer - the Celjack. This is a "black box" that is electrically set between the main unit and the handset (obviously, it will not work with the portable phones). The modem is plugged directly into the Celjack. It provides all of the signals that your modems expects from the phone company. As such, Lotus/Desktop Express will dial out to access MCI Mail.

The third option is the Intelligence Technology Corp. 286 CAT laptop computer (1-800-356-3493) with built in cellular phone and modem. At over \$7000, it is the most expensive option. But it does provide the space and weight benefit of merging the cellular and PC technology into one laptop sized box. At this time, we have not been able to text the ITC 286.

On a recent trip to Block Island, Rhode Island, by boat, the Celjack was put to the test. We determined that:

1. 1200 baud is about tops. Although the Celjack is rated for 2400 baud, the quality of the analog radio signal can not support it. As some of the phones and cellular companies switch over to digital processing, this may improve.
2. The car/boat should not be moving when communicating. Although the switching from cell to cell is nearly instantaneous, the transition can result in a loss of carrier.
3. If signal strength is weak, you may need to shift to 300 baud. This makes communication take 4 times longer (and costlier) than 1200 baud.
4. One carrier may have better coverage in a local area than another. Before subscribing to a specific carrier, check which carrier has the closest cells. We found that NYNEX did reach Block Island, but Metro One (the competition) did not.
5. If at all possible, try to use the car/boat battery, or an AC converter as a power source instead of the internal batteries to get the best possible signal strength. It is also important to use a cellular phone that outputs a full 3 watts (the maximum).
6. If at all possible, use an external antennae.

Remember that the cellular companies charge for ANY calls made or received - even to MCI Mail's 800 numbers.

[illegible]

All too often, we forget to backup our data files. If you do not have a tape drive on your computer, it can be a time consuming pain. But computing without backing up is as smart as driving through Death Valley without spare water and gas.

If you use Lotus Express, you can backup selective folders with the below batchfile. To create the file, use your favorite text editor and type it in.

To use this file, type in the batch file name (LEBACK.BAT used here) followed by a space and then the folder you wish to backup.

For example,
LEBACK INCOMING
will back up the incoming folder to a floppy.

```
echo off
a:
cd\
md mailsys
```

```
cd mailsys
md %1.fld
copy c:\mailsys\%1.s13
cd %1.fld
copy c:\mailsys\%1.fld\*.*
c:
cd\
echo BACK-UP COMPLETE
```

Note 1: If you are taking your backup floppy to another computer for use there, you can access the messages in the folder without moving them back to the hard drive. Simply bring up the communications manager ({ALT}{SHIFT}X), press {RETURN}, scroll to the bottom, and change the drive/path from C:\MAILSYS to A:\MAILSYS. Remember to reset it back to the C: drive before leaving the computer or you will not be able to access your regular messages next time.

Note 2: Special thanks to Gary Oglesby at MCI Mail technical support for the batch file.

The question is not how much time will it take to backup your data. The question is how much will it cost you to replace it?

```
>>>>>>>>
POWER USER
>>>>>>>>
```

Definition: A Power User is someone who is smart enough (burned enough?) to be wary of software whose version number ends in .0.

Do you need to bill back clients for expenses incurred on a job? The MCI Mail Handling option CHARGE is your answer. CHARGE allows you to specify a code that the message is to be charged to. This code can be an account number, client name, project code, etc.

At the end of a month, all messages (e-mail, telex, hard copy and fax) sent by you are grouped by their CHARGE codes and subtotaled on your monthly invoice.

CHARGE codes can be entered at the TO: or CC: lines or at the HANDLING: prompt. If entered at the TO: or CC: lines, the code applies to that addressee only.

For example:
TO: 123-4567 (CHARGE:Project A)
CC: MSMITH (CHARGE:Project B)

will send the same message to two mailboxes. The cost for sending to 123-4567 will be tallied under the Project A subtotal on the bill, while the cost for sending to MSMITH will tally to the Project B subtotal. Note - At the current time, this CAN NOT be used with FAX DISPATCH.

If it appears at the HANDLING: prompt, it applies to the entire message.

For example:
TO: 123-4567
CC: MSMITH

•
•
•

Handling: Charge:ABC Company

will send the same message to two mailboxes. The cost for sending to 123-4567 and MSMITH will tally to the ABC Company subtotal. This format can be used with Fax Dispatch.

For more "power user" information, see THE COMPLETE MCI MAIL HANDBOOK, available at bookstores for \$22.95. Or you can order it on-line at a 25% saving. At the Command: prompt type:
CREATE USING BOOK ORDER
and follow the instructions.

```
>>>>>>>>>>>
TILL NEXT TIME
>>>>>>>>>>>
```

Gary.....
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